

Information Disclosure Statement
November 14, 2003
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10/714346

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| Form PTO-1449 (Modified) | ATTY DOCKET NO. B-4480NP 621323-7 | U.S. SERIAL NO. not yet assigned |
| LIST OF PATENTS AND PUBLICATIONS STATEMENT | APPLICANT(S) Robert R. HAYES | |
| | FILING DATE concurrently herewith 11/14/03 | GROUP not yet assigned 2817 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | ISSUE DATE | NAME | CLASS | SUBCLASS | FILING DATE or 102(e) DATE IF APPROPRIATE |
|---------------------|-----------------|---------------|-----------------|-------|----------|--|
| <i>ca</i> | 5,517,157 | 05/1996 | English | 331 | 94.1 | |
| <i>ca</i> | 5,657,340 | 08/1997 | Camparo, et al. | 372 | 69 | |
| <i>ca</i> | 6,303,928 | 10/2001 | Buell, et al. | 250 | 251 | |

FOREIGN PATENT DOCUMENTS

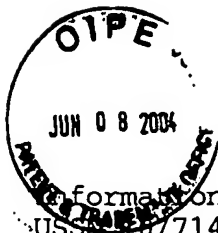
| DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES/NO |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|-----------|---|--|
| <i>ca</i> | Huang, X., Seeds, A.J., Roberts, J.S., and Knight, A.P., "Monolithically Integrated Quantum-Confined Stark Effect Tuned Laser with Uniform Frequency Modulation Response," IEEE Photonics Technology Letters, Vol. 10, pp. 1697-1699 (1998). | |
| <i>ca</i> | Kitching, J., Knappe, S., Vukicevic, N., Hopllberg, L., Wynands, R., Wiedmann, W., "A Microwave Frequency based on VCSEL-Driven Dark Line Resonances in Cs Vapor," IEEE Trans. On Instruments and Measurements, Vol. 49, pp. 1313-1317 (2000). | |
| <i>ca</i> | "Compact Atomic Clocks" INTERNET: < http://www.boulder.mist.gov/timefreq/ofm/smallclock/index.htm 28 pages | |

| EXAMINER | DATE CONSIDERED |
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| <i>MIS</i> | 12/6/5 |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Information on Disclosure Statement
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June 3, 2004
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|--|--------------------------------------|-------------------------------|
| Form PTO-1449 (Modified) | ATTY DOCKET NO. B-4480NP 621323-7 | U.S. SERIAL NO. 10/714,346 |
| LIST OF PATENTS AND PUBLICATIONS STATEMENT | APPLICANTS Robert R. Hayes | |
| | FILING DATE November 14, 2003 | GROUP 2828 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | ISSUE DATE | NAME | CLASS | SUB- CLASS | FILING DATE or 102(e) DATE IF APPROPRIATE |
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| | 6,359,916 B1 | 3/2002 | Zhu | 372 | 32 | |
| | 2002/0175767 A1 | 11/2002 | Kitching et al. | 331 | 3 | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES/NO |
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